

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	281	("1576781" "1735726" "2407845" "2650588" "2697433" "20010007918" "20020095081" "20020128565" "20020193686" "20040024309" "3016899" "3017887" "3061936" "3073310" "3109588" "3294083" "3367326" "3439256" "3577160" "3614950" "3644825" "3674014" "3702935" "3704707" "3821469" "3868565" "3941127" "3983474" "4017858" "4037592" "4052620" "4054881" "4117337" "4117349" "4173228" "4182312" "4202349" "4228799" "4256112" "4262306" "4287809" "4298874" "4314251" "4317078" "4319136" "4328548" "4328813" "4339953" "4341220" "4346384" "4358856" "4368536" "4396885" "4396945" "4403321" "4418422" "4419012" "4422041" "4431005" "4485815" "4506676" "4543959" "4548208" "4571834" "4572198" "4583538" "4584577" "4608977" "4613866" "4617925" "4618978" "4621628" "4625718" "4638798" "4642786" "4645343" "4649504" "4651732" "4653509" "4656509" "4659971" "4660970" "4673352" "4688037" "4701049" "4705395" "4705401" "4706665" "4709156" "4710708"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/08 16:17

		"4719419" "4722056" "4722336" "4723544" "4727565" "4727921" "4733969" "4737032" "4737921" "4742356" "4742815" "4743770" "4743771" "4745290" "4750487" "4753528" "4761072" "4764016" "4771787" "4779212" "4782239").pn.				
S2	76	("4788481" "4791934" "4793355" "4794262" "4797907" "4803976" "4804261" "4805615" "4809694" "4821200" "4821206" "4821731" "4822163" "4825091" "4829373" "4836778" "4838265" "4841967" "4845771" "4849692" "4854771" "4860331" "4862893" "4869247" "4875165" "4875478" "4884566" "4896673" "4905698" "4923459" "4931056" "4945305" "4951653" "4955891" "4961422" "4977655" "4989608" "4991579" "5002058").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:52
S3	157	("5005592" "5013317" "5016639" "5017139" "5027818" "5030196" "5030222" "5031203" "5042486" "5047036" "5047140" "5050608" "5054492" "5057095" "5059789" "5079699" "5086401" "5094241" "5097839" "5098426" "5099845" "5099846" "5105829" "5107839" "5107843" "5107862" "5109194" "5118845" "5119817" "5142930" "5143076" "5152288" "5160337" "5161536" "5178164" "5178621" "5186174" "5187475" "5188126" "5190059" "5193106" "5197476" "5197965" "5198768" "5198877" "5207688" "5211164" "5211165" "5211176" "5212165"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:53

		"5212720" "5214615" "5219351" "5222499" "5224049" "5228442" "5230338" "5230623" "5233990" "5237996" "5249483" "5249581" "5251127" "5251635" "5253647" "5255680" "5257998" "5261404" "5265610" "5271400" "5273025" "5274551" "5279309" "5285787" "5291199" "5291889" "5295483" "5297549" "5299253" "5299254" "5299288") .pn.				
S4	269	("5300080" "5305091" "5305203" "5306271" "5307072" "5309913" "5315630" "5316024" "5318025" "5320111" "5325728" "5325873" "5329944" "5330485" "5333168" "5353795" "5353800" "5353807" "5359417" "5368030" "5368828" "5371778" "5375596" "5377678" "5383454" "5385146" "5385148" "5386828" "5389101" "5391199" "5394457" "5394875" "5397329" "5398684" "5399146" "5400384" "5402801" "5408409" "5413573" "5417210" "5419325" "5423334" "5425367" "5425382" "5426683" "5426687" "5427097" "5429132" "5433198" "5437277" "5443066" "5443489" "5444756" "5445144" "5445150" "5445166" "5446548" "5447154" "5448610" "5453686" "5456718" "5457641" "5458718" "5464446" "5469847" "5478341" "5478343" "5480422" "5480439" "5483961" "5485849" "5487391" "5487729" "5487757" "5490196" "5494034" "5503416" "5513637" "5514146" "5515160"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:53

		"5517990" "5531227" "5531520" "5542938" "5543951" "5546940" "5546949" "5546951" "5551429" "5558091" "5566681" "5568384" "5568809" "5571083" "5572999" "5573533" "5575794" "5575798" "5583430" "5583909" "5588430" "5590215" "5592939" "5595193" "5596228" "5600330" "5603318" "5611025" "5617462" "5617857" "5619261" "5622169" "5622170" "5625611" "5627873" "5628315" "5630431" "5636644" "5638819" "5640170" "5642395" "5643268" "5645065" "5646524" "5647361" "5662111" "5664001" "5674296" "5681260" "5682886" "5682890" "5690108" "5694945" "5695500" "5696500" "5697377" "5702406" "5711299") .pn.				
S5	349	("5713946" "5715822" "5715836" "5718241" "5727552" "5727553" "5729129" "5730130" "5732703" "5735278" "5738096" "5740802" "5741214" "5742394" "5744953" "5748362" "5749835" "5752513" "5755725" "5758667" "5762064" "5767669" "5767699" "5767960" "5769789" "5769843" "5772594" "5775322" "5776064" "5782765" "5787886" "5792055" "5795294" "5797849" "5799055" "5799099" "5800089" "5800535" "5802719" "5807252" "5810008" "5810728" "5810735" "5820553" "5823192" "5823958" "5828725" "5828770" "5829444" "5831260" "5833608" "5834759" "5836954" "5840024"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:54

"5843076"	"5848967"
"5851183"	"5865846"
"5868674"	"5868675"
"5871445"	"5871455"
"5871487"	"5873822"
"5882304"	"5884410"
"5889834"	"5891034"
"5891157"	"5904691"
"5907395"	"5913820"
"5920395"	"5921992"
"5923727"	"5928248"
"5935160"	"5938603"
"5938694"	"5947980"
"5947981"	"5950629"
"5951475"	"5951571"
"5954647"	"5954796"
"5957844"	"5967980"
"5967982"	"5968047"
"5971997"	"5976156"
"5980535"	"5983126"
"5987349"	"5987960"
"5999837"	"5999840"
"6001130"	"6006126"
"6006127"	"6013087"
"6014580"	"6016439"
"6019725"	"6024695"
"6050724"	"6059718"
"6063022"	"6071288"
"6073043"	"6076008"
"6096050"	"6104944"
"6112111"	"6118845"
"6122538"	"6122541"
"6131396"	"6139183"
"6147480"	"6149592"
"6156067"	"6161032"
"6165181"	"6167296"
"6172499"	"6175756"
"6178345"	"6183444"
"6192280"	"6194639"
"6201387"	"6203493"
"6203497"	"6210362"
"6211666"	"6213995"
"6223067"	"6226543"
"6233476"	"6236875"
"6246231"	"6253770"
"6257636"	"6259942"
"6269759"	"6273896"
"6285902"	"6297433"
"6298262"	"6314310"
"6332089"	"6341231"
"6351659"	"6381485"
"6424856"	"6427314"
"6428547"	"6434415"
"6437567"	"6439573"
"6445943"	"6447504"
"6470207"	"6474341"
"6478802"	"6484049"

		"6490475" "6498944" "6516046" "6527443" "6551325" "6584174" "6593884" "6609022" "6611700" "6640128" "6694162" "6701179" "6711429" "RE32619" "RE35025" "RE35816"). PN.				
S6	1117	S1 or S2 or S3 or S4 or S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/18 09:54
S7	287	(laurent.in. and verard.in.) or (mark.in. and hunter.in.) or (andrew.in. and bzostek. in.) or (kenneth.in. and gardeski.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 09:59
S9	5	S7 and navigation and gating and controller and display and imag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:28
S10	2	S6 and gating and imag\$3 and track\$3 and controller and (display or monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:34
S11	15	S6 and (catheter same navigation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:40
S12	1	S6 and (catheter same navigation) and gating and (display or monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:44
S13	34	(catheter same navigation) and gating and controller and (track\$3 or regist\$6) and (display or monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 10:58
S14	12	(catheter same (image- guided or (image with guided))) and gating and controller and (track\$3 or regist\$6) and (display or monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 11:02
S15	1797	(catheter same (image- guided or (image with guided) or navigation))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 11:06
S18	719	((image-guided or (image with guided) or navigation)) and gating and (track\$3 or regist\$6) and (controller or processor or computer) and (display or monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 11:07
S21	3261	((image-guided or (image with guided) or navigation)) and catheter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 11:15

S22	42	((image-guided or (image with guided) or navigation)) and catheter and (icon same (superimposed or superposed))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 11:15
S23	280	("2407845" "2650588" "3674014" "3702935" "3704707" "3847157" "3868565" "3941127" "4037592" "4054881" "4058114" "4173228" "4202349" "4259725" "4314251" "4317078" "4339953" "4383527" "4396945" "4418422" "4419012" "4422041" "4431005" "4465069" "4485815" "4571834" "4572198" "4608977" "4613866" "4618978" "4621628" "4625718" "4642786" "4649504" "4651732" "4653509" "4673352" "4686997" "4697595" "4722056" "4722336" "4737794" "4742815" "4750487" "4791934" "4803976" "4809694" "4821731" "4836778" "4841967" "4849692" "4875478" "4896673" "4905698" "4945305" "4945914" "4989608" "4991579" "5005592" "5013317" "5016639" "5030222" "5031203" "5042486" "5047036" "5054492" "5059789" "5078140" "5080662" "5086401" "5094241" "5097839" "5099845" "5119817" "5142930" "5154179" "5160337" "5161536" "5178164" "5178621" "5186174" "5189690" "5198877" "5207753" "5211164" "5211165" "5214615" "5222499" "5230338" "5230623" "5249581" "5251127" "5251635" "5253647" "5255680" "5257636" "5261404" "5265610" "5271400" "5273025" "5274551" "5279309"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 13:17

"5291889"	"5295483"
"5299254"	"5299288"
"5305203"	"5309913"
"5315630"	"5316024"
"5318025"	"5325873"
"5345938"	"5353795"
"5353807"	"5359417"
"5368030"	"5369678"
"5371778"	"5375596"
"5377678"	"5383454"
"5386828"	"5389101"
"5391199")	.PN. OR
("5397329"	"5398684"
"5402801"	"5408409"
"5413573"	"5419325"
"5419767"	"5425367"
"5425382"	"5426683"
"5426687"	"5429132"
"5437277"	"5443066"
"5443489"	"5445144"
"5445150"	"5446548"
"5453686"	"5456718"
"5478341"	"5478343"
"5480422"	"5483961"
"5484437"	"5494034"
"5513637"	"5515160"
"5517990"	"5531227"
"5531520"	"5546951"
"5551429"	"5558091"
"5568809"	"5572999"
"5575798"	"5583909"
"5588430"	"5590215"
"5592939"	"5600330"
"5603318"	"5606980"
"5617462"	"5617857"
"5622169"	"5622170"
"5627873"	"5630431"
"5638819"	"5640170"
"5642395"	"5645065"
"5647361"	"5651047"
"5662111"	"5676673"
"5681260"	"5682886"
"5682890"	"5694945"
"5695500"	"5695501"
"5697377"	"5713946"
"5715822"	"5718241"
"5727552"	"5727553"
"5729129"	"5730129"
"5732703"	"5740802"
"5742394"	"5744953"
"5748767"	"5749362"
"5749835"	"5752513"
"5755725"	"5758667"
"5762064"	"5762629"
"5767669"	"5767960"
"5769843"	"5769861"
"5772594"	"5776064"

		"5782765" "5787886" "5792055" "5795294" "5797849" "5799055" "5800352" "5802719" "5810712" "5810728" "5817106" "5820553" "5823958" "5828770" "5829444" "5831260" "5833627" "5834759" "5836954" "5840025" "5843076" "5848967" "5851183" "5868674" "5868675" "5871445" "5873822" "5882304" "5884410" "5891034" "5897529" "5904691" "5907395" "5913820" "5920395").PN. OR ("5921992" "5938603" "5947981" "5954647" "5964757" "5967982" "5971997" "5980535" "5984930" "5987349" "5987960" "5999837" "5999840" "6006126" "6006127" "6013087" "6016439" "6019725" "6021342" "6021343" "6149622" "6226548" "6347240" "6470207" "6477400" "D357534" "D359557" "RE35816"). PN.				
S29	10	(US-20040097806-\$ or US-20040097805-\$).did. or (US-5769843-\$ or US-6711429-\$ or US-5274551-\$ or US-6379302-\$ or US-6505062-\$ or US-6725080-\$ or US-6470207-\$ or US-5377678-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/01/18 14:57
S33	2	"5873822".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/18 15:16
S44	10	(US-20040097806-\$ or US-20040097805-\$).did. or (US-5769843-\$ or US-6711429-\$ or US-5274551-\$ or US-6379302-\$ or US-6505062-\$ or US-6725080-\$ or US-6470207-\$ or US-5377678-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/01/19 08:29
S52	4281	600/407.ccls. or 600/428.ccls. or 600/433.ccls. or 600/437.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/19 09:46

S53	1	(US-5377678-\$).did.	USPAT	OR	OFF	2007/05/03 08:32
S55	11	(US-20040097806-\$ or US-20040097805-\$).did. or (US-6725080-\$ or US-6711429-\$ or US-6505062-\$ or US-6470207-\$ or US-6379302-\$ or US-5873822-\$ or US-5769843-\$ or US-5377678-\$ or US-5274551-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/03 08:36
S56	1	S55 and (anatomical with gating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 08:36
S61	15	(navigat\$4 or (image adj guided)) and (physiological near gating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 08:48
S62	0	(navigat\$4 adj system) and (physiological near gating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 08:48
S63	3	(US-6725080-\$ or US-6711429-\$ or US-5377678-\$).did.	USPAT	OR	OFF	2007/05/03 09:07
S64	2	S63 and gating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 09:08
S65	2	"5738096".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 09:09
S66	18	multi-probe with ultraso\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/05/03 10:26
S67	32	((ECG or EKG or cardiac) with gating with imag\$3) and ((catheter or guidewire or (guide adj wire) or stylet or needle or instrument) with (track\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/11 09:01
S68	1	(US-20010056232-\$).did.	US-PGPUB	OR	OFF	2007/06/11 08:53
S69	1	S68 and gating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/11 08:53
S70	23	((ECG or EKG or cardiac) with gating with imag\$3) and ((catheter or guidewire or (guide adj wire) or stylet or needle or instrument) with (track\$3)) and superimpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/11 15:25

S72	62	((catheter or guidewire or (guide adj wire) or stylet or needle or instrument) with (track\$3)) same (((temperature or pressure or hemo-dynamic or electrophysiological or impedance or tissue or spectroscopy) adj sensor) or accelerometer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/11 15:27
S73	38	((catheter or guidewire or (guide adj wire) or stylet or needle or instrument) with (track\$3)) same (((temperature or pressure or hemo-dynamic or electrophysiological or impedance or tissue or spectroscopy) adj sensor) or accelerometer)) and imag \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/06/11 15:27
S74	45	(gating same image) and ((superimpos\$3 superpos \$3) with (catheter instrument) with image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/22 11:37
S75	8	(gating same image) and ((superimpos\$3 superpos \$3) with (catheter instrument) with image) and (coil with (position location orientation) with (cathetr instrument))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/22 11:37
S76	149	("20010007918" "20010025142" "20010029333" "20010031919" "20010031985" "20010036245" "20010041835" "20020044631" "20020049375" "20020049378" "20020075994" "20020077543" "20020077544" "20020082492" "20020085681" "20020143317" "20020161295" "20030000535" "20030004411" "20030016852" "20030018251" "20030018251" "20030023161"	USPAT	OR	ON	2008/04/22 11:46

"20030028091"
"20030029464"
"20030040667"
"20030074011"
"20030088179"
"20030125622"
"20030130576"
"20030139663"
"20030208116"
"20030208122"
"20030216631"
"20030220557"
"20040006268"
"20040034300"
"20040049121"
"20040076259"
"20040092815"
"20040097805"
"20040097805"
"20040097806"
"20040116803"
"20040122311"
"20040138548"
"20040152970"
"20040152974"
"20040193042"
"20040210125"
"20050010099"
"20050027186"
"20050033149"
"20050065433"
"20050085793"
"20050107688"
"20050113809"
"20050143651"
"20050169510"
"20050182319"
"20050197568"
"20050203383"
"20050234335"
"20050288574"
"20050288578"
"20060004281"
"20060025677"
"20060045318"
"20060050942"
"20060050988"
"20060058647"
"20060063998"
"20060064006"
"20060074292"
"20060074299"
"20060074304"
"20060079759"
"20060084867"
"20060093089"
"20060094958"

"20060106292"	
"20060116634"	
"20060122497"	
"20060173269"	
"20060173291"	
"20060189867"	
"20060247511"	
"20070032723"	
"20070038058"	
"20070066887"	
"20070110289"	
"20070129629"	
"20070167744"	
"0032878"	"5053042"
"5158088"	"5186174"
"5251165"	"5251635"
"5265610"	"5348011"
"5377678"	"5391199"
"5483691"	"5483961"
"5577502"	"5581183"
"5644612"	"5671739"
"5718241"	"5730129"
"5740808"	"5765561"
"5769861"	"5787886"
"5803089"	"5840025"
"5868673"	"5978696"
"6016439"	"6019724"
"6026173"	"6078175"
"6122538"	"6144875"
"6167296"	"6173201"
"6198959"	"6201987"
"6226543"	"6226548"
"6233476"	"6235038"
"6236875"	"6246896"
"6246898"	"6267769"
"6275442"	"6285902"
"6298259"	"6314310"
"6314311"	"6314312"
"6317616"	"6330356"
"6332089"	"6332891"
"6335623"	"6340363"
"6347240"	"6348058"
"6351573"	"6351659"
"6361759"	"6362821"
"6368331"	"6369571"
"6402762"	"6421551"
"6424856"	"6425865"
"6430430"	"6434415"
"6434507"	"6437571"
"6442417"	"6445186"
"6445943"	"6455182"
"6461265"	"6469508"
"6470207"	"6473635"
"6477400"	"6478793"
"6478802"	"6483948"
"6484049"	"6484049"
"6485413"	"6490467"

		"6490475" "6491699" "6493574" "6496007" "6501981" "6504893" "6504894" "6517485" "6527443" "6535756" "6538634" "6539127" "6541973" "6544041" "6547782" "6558333" "6567687" "6580938" "6584174" "6584339" "6591130" "6606513" "6609022" "6636757" "6650924" "6666579" "6674833" "6675032" "6675033" "6687531" "6690960" "6694167" "6697664" "6711429" "6714629" "6714810" "6725080" "6738656" "6772002" "6774624" "6782287" "6796988" "6823207" "6826423" "6850794" "6856826" "6856827" "6892090" "6898303" "6907281" "6920347" "6934575" "6968224" "6978166" "7015859" "7050845" "7139601" "7153297" "7171257" "7174201" "7260426" "D466609"). PN.				
S77	21	(gating same image) and ((superimpos\$3 superpos \$3) with (catheter instrument) with image) and (coil with (position location orientation) with (catheter instrument))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/22 11:47
S78	15	S77 and virtual	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/22 13:09
S79	20	S77 and ultraso\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/22 13:33
S80	1	(US-20040097805-\$).did.	US-PGPUB	OR	OFF	2008/11/06 15:20
S81	1	S80 and (optimized with site)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 15:21
S82	1	S80 and (estimated with optimized with site)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 15:21

S83	4	catheter and (estimated with optimized with site)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/06 16:35
S84	1	(US-20030018251-\$).did.	US-PGPUB	OR	OFF	2009/04/28 16:28
S85	1	S84 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/28 16:29
S86	23	(virtual with IVUS)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/28 16:41
S87	942	(virtual with ultraso\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/28 16:55
S88	46	(virtual with (view viewpoint) with ultraso\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/28 16:55
S89	46	(virtual with (view viewpoint) with ultraso\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:20
S90	16	imag\$3 with (viewpoint perspective) with (internal) with (instrument catheter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 13:56
S91	2	"5704897".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 14:05
S92	5	S90 and register\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 14:44
S93	5165	(cardiac with lead with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 14:49
S94	0	(cardiac adj lead with ablation adj electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 14:50
S95	64	(cardiac with lead with ablation with electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 14:50
S96	1	(US-20040097805-\$).did.	US-PGPUB	OR	OFF	2009/04/29 15:07
S97	0	S96 and (notification)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:07

S98	293	("1576781" "1735726" "2407845" "2650588" "2697433" "20010007918" "20020095081" "20020128565" "20020193686" "20040024309" "3016899" "3017887" "3061936" "3073310" "3109588" "3294083" "3367326" "3439256" "3577160" "3614950" "3644825" "3674014" "3702935" "3704707" "3821469" "3868565" "3941127" "3983474" "4017858" "4037592" "4052620" "4054881" "4117337" "4117349" "4173228" "4182312" "4202349" "4228799" "4256112" "4262306" "4287809" "4298874" "4314251" "4317078" "4319136" "4328548" "4328813" "4339953" "4341220" "4346384" "4358856" "4368536" "4396885" "4396945" "4403321" "4418422" "4419012" "4422041" "4431005" "4485815" "4506676" "4543959" "4548208" "4571834" "4572198" "4583538" "4584577" "4608977" "4613866" "4617925" "4618978" "4621628" "4625718" "4638798" "4642786" "4645343" "4649504" "4651732" "4653509" "4656509" "4659971" "4660970" "4673352" "4688037" "4701049" "4705395" "4705401" "4706665" "4709156" "4710708" "4719419" "4722056" "4722336" "4723544" "4727565" "4727921" "4733969" "4737032" "4737921" "4742356" "4742815" "4743770" "4743771" "4745290" "4750487" "4753528" "4761072" "4764016"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:11
-----	-----	--	--	----	-----	---------------------

		"4771787" "4779212" "4782239").pn.				
S99	76	("4788481" "4791934" "4793355" "4794262" "4797907" "4803976" "4804261" "4805615" "4809694" "4821200" "4821206" "4821731" "4822163" "4825091" "4829373" "4836778" "4838265" "4841967" "4845771" "4849692" "4854771" "4860331" "4862893" "4869247" "4875165" "4875478" "4884566" "4896673" "4905698" "4923459" "4931056" "4945305" "4951653" "4955891" "4961422" "4977655" "4989608" "4991579" "5002058").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:11
S100	157	("5005592" "5013317" "5016639" "5017139" "5027818" "5030196" "5030222" "5031203" "5042486" "5047036" "5047140" "5050608" "5054492" "5057095" "5059789" "5079699" "5086401" "5094241" "5097839" "5098426" "5099845" "5099846" "5105829" "5107839" "5107843" "5107862" "5109194" "5118845" "5119817" "5142930" "5143076" "5152288" "5160337" "5161536" "5178164" "5178621" "5186174" "5187475" "5188126" "5190059" "5193106" "5197476" "5197965" "5198768" "5198877" "5207688" "5211164" "5211165" "5211176" "5212165" "5212720" "5214615" "5219351" "5222499" "5224049" "5228442" "5230338" "5230623" "5233990" "5237996" "5249483" "5249581" "5251127" "5251635" "5253647" "5255680" "5257998" "5261404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:11

		"5265610" "5271400" "5273025" "5274551" "5279309" "5285787" "5291199" "5291889" "5295483" "5297549" "5299253" "5299254" "5299288").pn.				
S101	269	("5300080" "5305091" "5305203" "5306271" "5307072" "5309913" "5315630" "5316024" "5318025" "5320111" "5325728" "5325873" "5329944" "5330485" "5333168" "5353795" "5353800" "5353807" "5359417" "5368030" "5368828" "5371778" "5375596" "5377678" "5383454" "5385146" "5385148" "5386828" "5389101" "5391199" "5394457" "5394875" "5397329" "5398684" "5399146" "5400384" "5402801" "5408409" "5413573" "5417210" "5419325" "5423334" "5425367" "5425382" "5426683" "5426687" "5427097" "5429132" "5433198" "5437277" "5443066" "5443489" "5444756" "5445144" "5445150" "5445166" "5446548" "5447154" "5448610" "5453686" "5456718" "5457641" "5458718" "5464446" "5469847" "5478341" "5478343" "5480422" "5480439" "5483961" "5485849" "5487391" "5487729" "5487757" "5490196" "5494034" "5503416" "5513637" "5514146" "5515160" "5517990" "5531227" "5531520" "5542938" "5543951" "5546940" "5546949" "5546951" "5551429" "5558091" "5566681" "5568384" "5568809" "5571083" "5572999" "5573533" "5575794" "5575798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:11

		"5583430" "5583909"				
		"5588430" "5590215"				
		"5592939" "5595193"				
		"5596228" "5600330"				
		"5603318" "5611025"				
		"5617462" "5617857"				
		"5619261" "5622169"				
		"5622170" "5625611"				
		"5627873" "5628315"				
		"5630431" "5636644"				
		"5638819" "5640170"				
		"5642395" "5643268"				
		"5645065" "5646524"				
		"5647361" "5662111"				
		"5664001" "5674296"				
		"5681260" "5682886"				
		"5682890" "5690108"				
		"5694945" "5695500"				
		"5696500" "5697377"				
		"5702406" "5711299").pn.				
S102	348	("5713946" "5715822"	US-PGPUB;	OR	OFF	2009/04/29
		"5715836" "5718241"	USPAT; EPO;			15:11
		"5727552" "5727553"	JPO; DERWENT			
		"5729129" "5730130"				
		"5732703" "5735278"				
		"5738096" "5740802"				
		"5741214" "5742394"				
		"5744953" "5748362"				
		"5749835" "5752513"				
		"5755725" "5758667"				
		"5762064" "5767669"				
		"5767699" "5767960"				
		"5769789" "5769843"				
		"5772594" "5775322"				
		"5776064" "5782765"				
		"5787886" "5792055"				
		"5795294" "5797849"				
		"5799055" "5799099"				
		"5800089" "5800535"				
		"5802719" "5807252"				
		"5810008" "5810728"				
		"5810735" "5820553"				
		"5823192" "5823958"				
		"5828725" "5828770"				
		"5829444" "5831260"				
		"5833608" "5834759"				
		"5836954" "5840024"				
		"5843076" "5848967"				
		"5851183" "5865846"				
		"5868674" "5868675"				
		"5871445" "5871455"				
		"5871487" "5873822"				
		"5882304" "5884410"				
		"5889834" "5891034"				
		"5891157" "5904691"				
		"5907395" "5913820"				

"5920395"	"5921992"
"5923727"	"5928248"
"5935160"	"5938603"
"5938694"	"5947980"
"5947981"	"5950629"
"5951475"	"5951571"
"5954647"	"5954796"
"5957844"	"5967980"
"5967982"	"5968047"
"5971997"	"5976156"
"5980535"	"5983126"
"5987349"	"5987960"
"5999837"	"5999840"
"6001130"	"6006126"
"6006127"	"6013087"
"6014580"	"6016439"
"6019725"	"6024695"
"6050724"	"6059718"
"6063022"	"6071288"
"6073043"	"6076008"
"6096050"	"6104944"
"6112111"	"6118845"
"6122538"	"6122541"
"6131396"	"6139183"
"6147480"	"6149592"
"6156067"	"6161032"
"6165181"	"6167296"
"6172499"	"6175756"
"6178345"	"6183444"
"6192280"	"6194639"
"6201387"	"6203493"
"6203497"	"6210362"
"6211666"	"6213995"
"6223067"	"6226543"
"6233476"	"6236875"
"6246231"	"6253770"
"6257636"	"6259942"
"6269759"	"6273896"
"6285902"	"6297433"
"6298262"	"6314310"
"6332089"	"6341231"
"6351659"	"6381485"
"6424856"	"6427314"
"6428547"	"6434415"
"6437567"	"6439573"
"6445943"	"6447504"
"6470207"	"6474341"
"6478802"	"6484049"
"6490475"	"6498944"
"6516046"	"6527443"
"6551325"	"6584174"
"6593884"	"6609022"
"6611700"	"6640128"
"6694162"	"6701179"
"6711429"	"RE32619"
"RE35025"	"RE35816")

PN.

S103	1128	S98 or S99 or S100 or S101 or S102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/29 15:11
S104	0	S103 and (tortuocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:11
S105	1	S103 and (navigat\$3 with (different new another) with instrument)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:12
S106	1	navigat\$3 same (tortuocity with factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:14
S107	1	(catheter instrument) same (tortuocity with factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:14
S108	6	(catheter instrument) same (tortuous with factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:24
S109	1	(catheter instrument) same (tortuocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:25
S110	0	(catheter instrument) with (whether with too with tortuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:29
S111	58	(catheter instrument) with (too with tortuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:29
S112	6	(catheter instrument) with (whether with tortuous)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:41
S113	5	(tortuocity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:48
S114	0	controller with if with (catheter instrument) with navigat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 15:59
S115	358	(laurent.in. and verard.in.) or (mark.in. and hunter.in.) or (andrew.in. and bzostek.in.) or (kenneth.in. and gardeski.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 17:46
S116	34	S115 and ((perspective view viewpoint) same instrument same image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/29 17:46
S117	5	10/299969	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/26 16:44
S118	2	(US-20040097806-\$ or US-20040097805-\$).did.	US-PGPUB	OR	OFF	2009/10/27 09:48

S119	2	S118 and model	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 09:48
S125	305	("1576781" "1735726" "2407845" "2650588" "2697433" "20010007918" "20020095081" "20020128565" "20020193686" "20040024309" "3016899" "3017887" "3061936" "3073310" "3109588" "3294083" "3367326" "3439256" "3577160" "3614950" "3644825" "3674014" "3702935" "3704707" "3821469" "3868565" "3941127" "3983474" "4017858" "4037592" "4052620" "4054881" "4117337" "4117349" "4173228" "4182312" "4202349" "4228799" "4256112" "4262306" "4287809" "4298874" "4314251" "4317078" "4319136" "4328548" "4328813" "4339953" "4341220" "4346384" "4358856" "4368536" "4396885" "4396945" "4403321" "4418422" "4419012" "4422041" "4431005" "4485815" "4506676" "4543959" "4548208" "4571834" "4572198" "4583538" "4584577" "4608977" "4613866" "4617925" "4618978" "4621628" "4625718" "4638798" "4642786" "4645343" "4649504" "4651732" "4653509" "4656509" "4659971" "4660970" "4673352" "4688037" "4701049" "4705395" "4705401" "4706665" "4709156" "4710708" "4719419" "4722056" "4722336" "4723544" "4727565" "4727921" "4733969" "4737032" "4737921" "4742356"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:04

		"4742815" "4743770" "4743771" "4745290" "4750487" "4753528" "4761072" "4764016" "4771787" "4779212" "4782239").pn.				
S126	76	("4788481" "4791934" "4793355" "4794262" "4797907" "4803976" "4804261" "4805615" "4809694" "4821200" "4821206" "4821731" "4822163" "4825091" "4829373" "4836778" "4838265" "4841967" "4845771" "4849692" "4854771" "4860331" "4862893" "4869247" "4875165" "4875478" "4884566" "4896673" "4905698" "4923459" "4931056" "4945305" "4951653" "4955891" "4961422" "4977655" "4989608" "4991579" "5002058").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:04
S127	157	("5005592" "5013317" "5016639" "5017139" "5027818" "5030196" "5030222" "5031203" "5042486" "5047036" "5047140" "5050608" "5054492" "5057095" "5059789" "5079699" "5086401" "5094241" "5097839" "5098426" "5099845" "5099846" "5105829" "5107839" "5107843" "5107862" "5109194" "5118845" "5119817" "5142930" "5143076" "5152288" "5160337" "5161536" "5178164" "5178621" "5186174" "5187475" "5188126" "5190059" "5193106" "5197476" "5197965" "5198768" "5198877" "5207688" "5211164" "5211165" "5211176" "5212165" "5212720" "5214615" "5219351" "5222499" "5224049" "5228442" "5230338" "5230623" "5233990" "5237996"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:04

		"5249483" "5249581" "5251127" "5251635" "5253647" "5255680" "5257998" "5261404" "5265610" "5271400" "5273025" "5274551" "5279309" "5285787" "5291199" "5291889" "5295483" "5297549" "5299253" "5299254" "5299288") .pn.				
S128	269	("5300080" "5305091" "5305203" "5306271" "5307072" "5309913" "5315630" "5316024" "5318025" "5320111" "5325728" "5325873" "5329944" "5330485" "5333168" "5353795" "5353800" "5353807" "5359417" "5368030" "5368828" "5371778" "5375596" "5377678" "5383454" "5385146" "5385148" "5386828" "5389101" "5391199" "5394457" "5394875" "5397329" "5398684" "5399146" "5400384" "5402801" "5408409" "5413573" "5417210" "5419325" "5423334" "5425367" "5425382" "5426683" "5426687" "5427097" "5429132" "5433198" "5437277" "5443066" "5443489" "5444756" "5445144" "5445150" "5445166" "5446548" "5447154" "5448610" "5453686" "5456718" "5457641" "5458718" "5464446" "5469847" "5478341" "5478343" "5480422" "5480439" "5483961" "5485849" "5487391" "5487729" "5487757" "5490196" "5494034" "5503416" "5513637" "5514146" "5515160" "5517990" "5531227" "5531520" "5542938" "5543951" "5546940" "5546949" "5546951" "5551429" "5558091"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:04

		"5566681" "5568384" "5568809" "5571083" "5572999" "5573533" "5575794" "5575798" "5583430" "5583909" "5588430" "5590215" "5592939" "5595193" "5596228" "5600330" "5603318" "5611025" "5617462" "5617857" "5619261" "5622169" "5622170" "5625611" "5627873" "5628315" "5630431" "5636644" "5638819" "5640170" "5642395" "5643268" "5645065" "5646524" "5647361" "5662111" "5664001" "5674296" "5681260" "5682886" "5682890" "5690108" "5694945" "5695500" "5696500" "5697377" "5702406" "5711299") .pn.				
S129	348	("5713946" "5715822" "5715836" "5718241" "5727552" "5727553" "5729129" "5730130" "5732703" "5735278" "5738096" "5740802" "5741214" "5742394" "5744953" "5748362" "5749835" "5752513" "5755725" "5758667" "5762064" "5767669" "5767699" "5767960" "5769789" "5769843" "5772594" "5775322" "5776064" "5782765" "5787886" "5792055" "5795294" "5797849" "5799055" "5799099" "5800089" "5800535" "5802719" "5807252" "5810008" "5810728" "5810735" "5820553" "5823192" "5823958" "5828725" "5828770" "5829444" "5831260" "5833608" "5834759" "5836954" "5840024" "5843076" "5848967" "5851183" "5865846" "5868674" "5868675" "5871445" "5871455" "5871487" "5873822"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:04

"5882304"	"5884410"
"5889834"	"5891034"
"5891157"	"5904691"
"5907395"	"5913820"
"5920395"	"5921992"
"5923727"	"5928248"
"5935160"	"5938603"
"5938694"	"5947980"
"5947981"	"5950629"
"5951475"	"5951571"
"5954647"	"5954796"
"5957844"	"5967980"
"5967982"	"5968047"
"5971997"	"5976156"
"5980535"	"5983126"
"5987349"	"5987960"
"5999837"	"5999840"
"6001130"	"6006126"
"6006127"	"6013087"
"6014580"	"6016439"
"6019725"	"6024695"
"6050724"	"6059718"
"6063022"	"6071288"
"6073043"	"6076008"
"6096050"	"6104944"
"6112111"	"6118845"
"6122538"	"6122541"
"6131396"	"6139183"
"6147480"	"6149592"
"6156067"	"6161032"
"6165181"	"6167296"
"6172499"	"6175756"
"6178345"	"6183444"
"6192280"	"6194639"
"6201387"	"6203493"
"6203497"	"6210362"
"6211666"	"6213995"
"6223067"	"6226543"
"6233476"	"6236875"
"6246231"	"6253770"
"6257636"	"6259942"
"6269759"	"6273896"
"6285902"	"6297433"
"6298262"	"6314310"
"6332089"	"6341231"
"6351659"	"6381485"
"6424856"	"6427314"
"6428547"	"6434415"
"6437567"	"6439573"
"6445943"	"6447504"
"6470207"	"6474341"
"6478802"	"6484049"
"6490475"	"6498944"
"6516046"	"6527443"
"6551325"	"6584174"
"6593884"	"6609022"
"6611700"	"6640128"

		"6694162" "6701179" "6711429" "RE32619" "RE35025" "RE35816"). PN.				
S130	1140	S125 or S126 or S127 or S128 or S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:04
S131	4	"6216027".pn. "6423009". pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:09
S132	1144	S130 S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 10:09
S133	0	S132 and ((navigat\$3 with (instrument tool catheter)) same ((target placement) with statistic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 10:13
S134	5	((navigat\$3 with (instrument tool catheter)) same ((target placement) with statistic\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 10:28
S135	2	((navigat\$3 with (instrument tool catheter)) and ((target placement) with statistic\$2) with model)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 10:30
S136	2	S132 and ((map model) with statistic\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 10:31
S137	0	(3D with model with statistic \$2 with (estimat\$3 optimiz \$3) with site)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 10:44
S138	1	(3D with model with statistic \$2 with (estimat\$3 optimiz \$3) with target)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 10:45
S139	305	("1576781" "1735726" "2407845" "2650588" "2697433" "20010007918" "20020095081" "20020128565" "20020193686" "20040024309" "3016899" "3017887" "3061936" "3073310" "3109588" "3294083" "3367326" "3439256" "3577160" "3614950" "3644825" "3674014" "3702935" "3704707" "3821469" "3868565" "3941127" "3983474" "4017858" "4037592"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16

		"4052620" "4054881" "4117337" "4117349" "4173228" "4182312" "4202349" "4228799" "4256112" "4262306" "4287809" "4298874" "4314251" "4317078" "4319136" "4328548" "4328813" "4339953" "4341220" "4346384" "4358856" "4368536" "4396885" "4396945" "4403321" "4418422" "4419012" "4422041" "4431005" "4485815" "4506676" "4543959" "4548208" "4571834" "4572198" "4583538" "4584577" "4608977" "4613866" "4617925" "4618978" "4621628" "4625718" "4638798" "4642786" "4645343" "4649504" "4651732" "4653509" "4656509" "4659971" "4660970" "4673352" "4688037" "4701049" "4705395" "4705401" "4706665" "4709156" "4710708" "4719419" "4722056" "4722336" "4723544" "4727565" "4727921" "4733969" "4737032" "4737921" "4742356" "4742815" "4743770" "4743771" "4745290" "4750487" "4753528" "4761072" "4764016" "4771787" "4779212" "4782239").pn.				
S140	76	("4788481" "4791934" "4793355" "4794262" "4797907" "4803976" "4804261" "4805615" "4809694" "4821200" "4821206" "4821731" "4822163" "4825091" "4829373" "4836778" "4838265" "4841967" "4845771" "4849692" "4854771" "4860331" "4862893" "4869247" "4875165" "4875478" "4884566" "4896673" "4905698" "4923459"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16

		"4931056" "4945305" "4951653" "4955891" "4961422" "4977655" "4989608" "4991579" "5002058").pn.				
S141	157	("5005592" "5013317" "5016639" "5017139" "5027818" "5030196" "5030222" "5031203" "5042486" "5047036" "5047140" "5050608" "5054492" "5057095" "5059789" "5079699" "5086401" "5094241" "5097839" "5098426" "5099845" "5099846" "5105829" "5107839" "5107843" "5107862" "5109194" "5118845" "5119817" "5142930" "5143076" "5152288" "5160337" "5161536" "5178164" "5178621" "5186174" "5187475" "5188126" "5190059" "5193106" "5197476" "5197965" "5198768" "5198877" "5207688" "5211164" "5211165" "5211176" "5212165" "5212720" "5214615" "5219351" "5222499" "5224049" "5228442" "5230338" "5230623" "5233990" "5237996" "5249483" "5249581" "5251127" "5251635" "5253647" "5255680" "5257998" "5261404" "5265610" "5271400" "5273025" "5274551" "5279309" "5285787" "5291199" "5291889" "5295483" "5297549" "5299253" "5299254" "5299288").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16

S142	269	("5300080"	"5305091"	US-PGPUB;	OR	OFF	2009/10/27
		"5305203"	"5306271"	USPAT; EPO;			13:16
		"5307072"	"5309913"	JPO; DERWENT			
		"5315630"	"5316024"				
		"5318025"	"5320111"				
		"5325728"	"5325873"				
		"5329944"	"5330485"				
		"5333168"	"5353795"				
		"5353800"	"5353807"				
		"5359417"	"5368030"				
		"5368828"	"5371778"				
		"5375596"	"5377678"				
		"5383454"	"5385146"				
		"5385148"	"5386828"				
		"5389101"	"5391199"				
		"5394457"	"5394875"				
		"5397329"	"5398684"				
		"5399146"	"5400384"				
		"5402801"	"5408409"				
		"5413573"	"5417210"				
		"5419325"	"5423334"				
		"5425367"	"5425382"				
		"5426683"	"5426687"				
		"5427097"	"5429132"				
		"5433198"	"5437277"				
		"5443066"	"5443489"				
		"5444756"	"5445144"				
		"5445150"	"5445166"				
		"5446548"	"5447154"				
		"5448610"	"5453686"				
		"5456718"	"5457641"				
		"5458718"	"5464446"				
		"5469847"	"5478341"				
		"5478343"	"5480422"				
		"5480439"	"5483961"				
		"5485849"	"5487391"				
		"5487729"	"5487757"				
		"5490196"	"5494034"				
		"5503416"	"5513637"				
		"5514146"	"5515160"				
		"5517990"	"5531227"				
		"5531520"	"5542938"				
		"5543951"	"5546940"				
		"5546949"	"5546951"				
		"5551429"	"5558091"				
		"5566681"	"5568384"				
		"5568809"	"5571083"				
		"5572999"	"5573533"				
		"5575794"	"5575798"				
		"5583430"	"5583909"				
		"5588430"	"5590215"				
		"5592939"	"5595193"				
		"5596228"	"5600330"				
		"5603318"	"5611025"				
		"5617462"	"5617857"				
		"5619261"	"5622169"				
		"5622170"	"5625611"				

		"5627873" "5628315" "5630431" "5636644" "5638819" "5640170" "5642395" "5643268" "5645065" "5646524" "5647361" "5662111" "5664001" "5674296" "5681260" "5682886" "5682890" "5690108" "5694945" "5695500" "5696500" "5697377" "5702406" "5711299") .pn.				
S143	348	("5713946" "5715822" "5715836" "5718241" "5727552" "5727553" "5729129" "5730130" "5732703" "5735278" "5738096" "5740802" "5741214" "5742394" "5744953" "5748362" "5749835" "5752513" "5755725" "5758667" "5762064" "5767669" "5767699" "5767960" "5769789" "5769843" "5772594" "5775322" "5776064" "5782765" "5787886" "5792055" "5795294" "5797849" "5799055" "5799099" "5800089" "5800535" "5802719" "5807252" "5810008" "5810728" "5810735" "5820553" "5823192" "5823958" "5828725" "5828770" "5829444" "5831260" "5833608" "5834759" "5836954" "5840024" "5843076" "5848967" "5851183" "5865846" "5868674" "5868675" "5871445" "5871455" "5871487" "5873822" "5882304" "5884410" "5889834" "5891034" "5891157" "5904691" "5907395" "5913820" "5920395" "5921992" "5923727" "5928248" "5935160" "5938603" "5938694" "5947980" "5947981" "5950629" "5951475" "5951571" "5954647" "5954796" "5957844" "5967980"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16

		"5967982" "5968047" "5971997" "5976156" "5980535" "5983126" "5987349" "5987960" "5999837" "5999840" "6001130" "6006126" "6006127" "6013087" "6014580" "6016439" "6019725" "6024695" "6050724" "6059718" "6063022" "6071288" "6073043" "6076008" "6096050" "6104944" "6112111" "6118845" "6122538" "6122541" "6131396" "6139183" "6147480" "6149592" "6156067" "6161032" "6165181" "6167296" "6172499" "6175756" "6178345" "6183444" "6192280" "6194639" "6201387" "6203493" "6203497" "6210362" "6211666" "6213995" "6223067" "6226543" "6233476" "6236875" "6246231" "6253770" "6257636" "6259942" "6269759" "6273896" "6285902" "6297433" "6298262" "6314310" "6332089" "6341231" "6351659" "6381485" "6424856" "6427314" "6428547" "6434415" "6437567" "6439573" "6445943" "6447504" "6470207" "6474341" "6478802" "6484049" "6490475" "6498944" "6516046" "6527443" "6551325" "6584174" "6593884" "6609022" "6611700" "6640128" "6694162" "6701179" "6711429" "RE32619" "RE35025" "RE35816"). PN.				
S144	1140	S139 or S140 or S141 or S142 or S143	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16
S145	4	"6216027".pn. "6423009". pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16

S146	1144	S144 S145	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 13:16
S147	2	S146 and (superimpos\$3 with (estimat\$3 optimiz\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 13:24
S148	2	S147 and superimpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 13:27
S149	2	S147 and estimated	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 13:41
S150	1	(US-20040097805-\$).did.	US-PGPUB	OR	OFF	2009/10/27 14:08
S151	0	S150 and (icon with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 14:08
S152	1	S150 and (icon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/27 14:09
S153	1	(superimpos\$3 with (estimat \$3 optimiz\$3) with (site target)) same (superimpos \$3 with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 14:35
S154	8	S146 and (superimpos\$3 with (path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 14:38
S155	1	(US-6203497-\$).did.	USPAT	OR	OFF	2009/10/27 15:50
S156	0	S155 and (register\$3 with imag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 15:50
S157	0	S155 and (register\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 15:50
S158	48	ultraso\$7 with virtual with (view viewpoint)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 15:54
S159	8	S158 and ((register\$3 registration) with imag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 15:55
S160	3	10/299969 and virtual	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:04
S161	0	ultraso\$7 same virtual same viewpoint same superimpos\$3 same ((register\$3 registration) with imag\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:17

S162	305	("1576781" "1735726" "2407845" "2650588" "2697433" "20010007918" "20020095081" "20020128565" "20020193686" "20040024309" "3016899" "3017887" "3061936" "3073310" "3109588" "3294083" "3367326" "3439256" "3577160" "3614950" "3644825" "3674014" "3702935" "3704707" "3821469" "3868565" "3941127" "3983474" "4017858" "4037592" "4052620" "4054881" "4117337" "4117349" "4173228" "4182312" "4202349" "4228799" "4256112" "4262306" "4287809" "4298874" "4314251" "4317078" "4319136" "4328548" "4328813" "4339953" "4341220" "4346384" "4358856" "4368536" "4396885" "4396945" "4403321" "4418422" "4419012" "4422041" "4431005" "4485815" "4506676" "4543959" "4548208" "4571834" "4572198" "4583538" "4584577" "4608977" "4613866" "4617925" "4618978" "4621628" "4625718" "4638798" "4642786" "4645343" "4649504" "4651732" "4653509" "4656509" "4659971" "4660970" "4673352" "4688037" "4701049" "4705395" "4705401" "4706665" "4709156" "4710708" "4719419" "4722056" "4722336" "4723544" "4727565" "4727921" "4733969" "4737032" "4737921" "4742356" "4742815" "4743770" "4743771" "4745290" "4750487" "4753528" "4761072" "4764016"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29
------	-----	--	--	----	-----	---------------------

		"4771787" "4779212" "4782239").pn.				
S163	76	("4788481" "4791934" "4793355" "4794262" "4797907" "4803976" "4804261" "4805615" "4809694" "4821200" "4821206" "4821731" "4822163" "4825091" "4829373" "4836778" "4838265" "4841967" "4845771" "4849692" "4854771" "4860331" "4862893" "4869247" "4875165" "4875478" "4884566" "4896673" "4905698" "4923459" "4931056" "4945305" "4951653" "4955891" "4961422" "4977655" "4989608" "4991579" "5002058").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29
S164	157	("5005592" "5013317" "5016639" "5017139" "5027818" "5030196" "5030222" "5031203" "5042486" "5047036" "5047140" "5050608" "5054492" "5057095" "5059789" "5079699" "5086401" "5094241" "5097839" "5098426" "5099845" "5099846" "5105829" "5107839" "5107843" "5107862" "5109194" "5118845" "5119817" "5142930" "5143076" "5152288" "5160337" "5161536" "5178164" "5178621" "5186174" "5187475" "5188126" "5190059" "5193106" "5197476" "5197965" "5198768" "5198877" "5207688" "5211164" "5211165" "5211176" "5212165" "5212720" "5214615" "5219351" "5222499" "5224049" "5228442" "5230338" "5230623" "5233990" "5237996" "5249483" "5249581" "5251127" "5251635" "5253647" "5255680" "5257998" "5261404"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29

		"5265610" "5271400" "5273025" "5274551" "5279309" "5285787" "5291199" "5291889" "5295483" "5297549" "5299253" "5299254" "5299288").pn.				
S165	269	("5300080" "5305091" "5305203" "5306271" "5307072" "5309913" "5315630" "5316024" "5318025" "5320111" "5325728" "5325873" "5329944" "5330485" "5333168" "5353795" "5353800" "5353807" "5359417" "5368030" "5368828" "5371778" "5375596" "5377678" "5383454" "5385146" "5385148" "5386828" "5389101" "5391199" "5394457" "5394875" "5397329" "5398684" "5399146" "5400384" "5402801" "5408409" "5413573" "5417210" "5419325" "5423334" "5425367" "5425382" "5426683" "5426687" "5427097" "5429132" "5433198" "5437277" "5443066" "5443489" "5444756" "5445144" "5445150" "5445166" "5446548" "5447154" "5448610" "5453686" "5456718" "5457641" "5458718" "5464446" "5469847" "5478341" "5478343" "5480422" "5480439" "5483961" "5485849" "5487391" "5487729" "5487757" "5490196" "5494034" "5503416" "5513637" "5514146" "5515160" "5517990" "5531227" "5531520" "5542938" "5543951" "5546940" "5546949" "5546951" "5551429" "5558091" "5566681" "5568384" "5568809" "5571083" "5572999" "5573533" "5575794" "5575798"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29

		"5583430" "5583909" "5588430" "5590215" "5592939" "5595193" "5596228" "5600330" "5603318" "5611025" "5617462" "5617857" "5619261" "5622169" "5622170" "5625611" "5627873" "5628315" "5630431" "5636644" "5638819" "5640170" "5642395" "5643268" "5645065" "5646524" "5647361" "5662111" "5664001" "5674296" "5681260" "5682886" "5682890" "5690108" "5694945" "5695500" "5696500" "5697377" "5702406" "5711299").pn.				
S166	348	("5713946" "5715822" "5715836" "5718241" "5727552" "5727553" "5729129" "5730130" "5732703" "5735278" "5738096" "5740802" "5741214" "5742394" "5744953" "5748362" "5749835" "5752513" "5755725" "5758667" "5762064" "5767669" "5767699" "5767960" "5769789" "5769843" "5772594" "5775322" "5776064" "5782765" "5787886" "5792055" "5795294" "5797849" "5799055" "5799099" "5800089" "5800535" "5802719" "5807252" "5810008" "5810728" "5810735" "5820553" "5823192" "5823958" "5828725" "5828770" "5829444" "5831260" "5833608" "5834759" "5836954" "5840024" "5843076" "5848967" "5851183" "5865846" "5868674" "5868675" "5871445" "5871455" "5871487" "5873822" "5882304" "5884410" "5889834" "5891034" "5891157" "5904691" "5907395" "5913820"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29

"5920395"	"5921992"
"5923727"	"5928248"
"5935160"	"5938603"
"5938694"	"5947980"
"5947981"	"5950629"
"5951475"	"5951571"
"5954647"	"5954796"
"5957844"	"5967980"
"5967982"	"5968047"
"5971997"	"5976156"
"5980535"	"5983126"
"5987349"	"5987960"
"5999837"	"5999840"
"6001130"	"6006126"
"6006127"	"6013087"
"6014580"	"6016439"
"6019725"	"6024695"
"6050724"	"6059718"
"6063022"	"6071288"
"6073043"	"6076008"
"6096050"	"6104944"
"6112111"	"6118845"
"6122538"	"6122541"
"6131396"	"6139183"
"6147480"	"6149592"
"6156067"	"6161032"
"6165181"	"6167296"
"6172499"	"6175756"
"6178345"	"6183444"
"6192280"	"6194639"
"6201387"	"6203493"
"6203497"	"6210362"
"6211666"	"6213995"
"6223067"	"6226543"
"6233476"	"6236875"
"6246231"	"6253770"
"6257636"	"6259942"
"6269759"	"6273896"
"6285902"	"6297433"
"6298262"	"6314310"
"6332089"	"6341231"
"6351659"	"6381485"
"6424856"	"6427314"
"6428547"	"6434415"
"6437567"	"6439573"
"6445943"	"6447504"
"6470207"	"6474341"
"6478802"	"6484049"
"6490475"	"6498944"
"6516046"	"6527443"
"6551325"	"6584174"
"6593884"	"6609022"
"6611700"	"6640128"
"6694162"	"6701179"
"6711429"	"RE32619"
"RE35025"	"RE35816")

PN.

S167	1140	S162 or S163 or S164 or S165 or S166	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29
S168	4	"6216027".pn. "6423009".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29
S169	1144	S167 S168	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/10/28 13:29
S170	12	S169 and (virtual with (viewpoint view))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:32
S171	2	S169 and (optim\$4 with navigat\$3) same imag\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:41
S172	1	(optim\$4 with navigat\$3 with (catheter instrument)) same imag\$3 same superimpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:42
S173	1	(target with (optim\$4 best) with navigat\$3 with (catheter instrument)) same imag\$3 same superimpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:44
S174	1	S173 and optimized	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:45
S175	188	(lead with plac\$5) with optim\$4 with (location site target)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:48
S176	9	(lead with plac\$5) with optim\$4 with (location site target) same automatic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:48
S177	0	S169 and (optim\$4 with (target site location) with superimpos\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 13:56
S178	4	S169 and (determin\$3 with navigat\$3 with (target optim\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 14:12
S179	0	(determin\$3 with navigat\$3 with (target optim\$4)) same (display\$3 with different with instrument)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 14:28
S180	2	"5433198".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 14:55
S181	1	S180 and superimpos\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 14:55

S182	2	"6892090".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 15:00
S183	2	S182 and virtual	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 15:02
S184	1	S182 and register\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 15:05
S185	1	11/068342	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 15:09
S186	1	S185 and register\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 15:09
S187	3	10/299969 and (register\$3 registration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 15:26
S188	1122	600/424.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/11/13 09:36
S189	3	S188 and (superimpos\$3 with path with instrument)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/11/13 09:36

11/ 20/ 2009 3:31:05 PM

C:\ Documents and Settings\ mrozanski\ My Documents\ EAST\ Workspaces\ Verard.wsp